Stellingen

Behorend bij het proefschrift

Multi-dimensional cardiac post-processing and visualization in dual source computed tomography

1. Dual-source CT is an accurate diagnostic tool for examining the precise anatomy of aberrant coronary arteries. *(this thesis)*

2. Global LV functional parameters calculated from DSCT datasets are interchangeable with MRI. *(this thesis)*

3. A region-growing algorithm for calculating LV functional parameters is more representative for the actual LV volumes than the conventional Simpson method.

4. It is questionable whether MRI should remain the reference standard for LV functional parameters.

5. (Semi-)automatic measurements of LV functional parameters with DSCT datasets are significantly different from manually adjusted measurements within the same software package. *(this thesis)*

6. Significant differences in LV functional parameters are found between (semi-)automatic DSCT software packages. *(this thesis)*

7. The performance of automatic post-processing software tools is directly related to the image quality of a DSCT cardiac dataset.

8. Despite the fast development in scanning techniques and improvements in software technology, the expertise of a radiologist will always be required.

9. De kans op een mooie foto neemt toe naarmate je meer foto's maakt. Helaas is ditzelfde principe niet toepasbaar op de radiologie.

10. De geneeskunde heeft zo'n enorme ontwikkeling doorgemaakt dat er nagenoeg geen gezond mens meer is. (Aldous Huxley)

11. Ochtendmensen hebben een voordeel ten opzichte van avondmensen, omdat hun slaapschema beter aansluit bij de gebruikelijke werktijden in de maatschappij.

12. The greatest lesson in life is to know that even fools are right sometimes. (Winston Churchill)

Gonda de Jonge
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